

Claims:

1. A one-to-many compact fluorescent lamp holder comprising:  
a plurality of sockets, each of which is adapted to receive a compact  
fluorescent lamp;  
5 a ballast mechanism comprising a ballast circuit therein; and  
a plurality of electric wires for electrically connecting the sockets to the  
ballast circuit, so that compact fluorescent lamps mounted in the sockets will  
be turned on when an AC power is provided to the ballast circuit.
- 10 2. The lamp holder according to claim 1, wherein said ballast mechanism  
comprises a shell for accommodating said ballast circuit therein, said shell  
comprising a fastening mechanism for non-electrically fastening said shell to  
a lighting fixture, wall, or ceiling.
- 15 3. The lamp holder according to claim 1, wherein said sockets and said  
ballast mechanism are separate.
4. The lamp holder according to claim 1, wherein said sockets and said  
ballast mechanism are integral.
- 20 5. The lamp holder according to claim 2, wherein said shell is a flat  
hollow cylinder or polygonal hollow body, and said fastening mechanism  
comprises a mounting hole at a center thereof or a plurality of locating slots  
at an edge thereof.
- 25 6. The lamp holder according to claim 1, wherein said ballast circuit  
comprises an EMI circuit, a rectifying and filter circuit, an inverter circuit,

and an output circuit, wherein said EMI circuit is adapted to be connected with an AC power, said rectifying and filter circuit is connected to said EMI circuit and provides a DC current to said inverter circuit, and said inverter circuit and said output circuit provide a high voltage for activating said

5 compact fluorescent lamps and a high frequency AC current to said compact fluorescent lamps for maintaining their stable lighting.